



1745

Atty Docket No. 8007-1012
PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hiroshi SUMIDA et al.

Serial No. 09/752,781

Filed January 3, 2001

MANGANESE DIOXIDE FOR
LITHIUM PRIMARY BATTERY
AND PROCESS FOR PRODUCING
THE SAME

Confirmation No. 1396

GROUP 1745

Examiner M. Ruthkosky

Handwritten: 1613, 9.10.22

AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

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Sir:

Responsive to the Official Action of June 6, 2002,
please amend the above-identified application as follows.

IN THE CLAIMS:

Amend claim 3 as follows:

b1
--3. (amended) A process for producing manganese dioxide with a sodium content of 0.05 to 0.2% by weight for lithium primary batteries, the process consisting essentially of the steps of neutralizing electrolytic manganese dioxide with an aqueous solution containing 2.0 to 5.0g of sodium hydroxide per kg of manganese dioxide and then heating the neutralized manganese dioxide to produce manganese dioxide having a sodium content of 0.05 to 0.2% by weight.--